

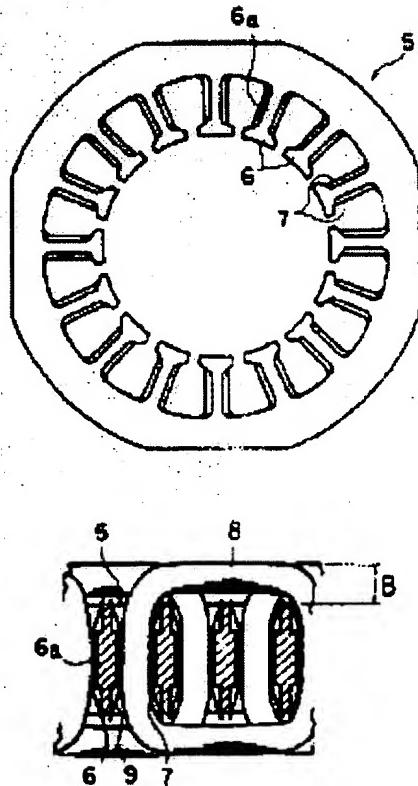
STATOR CORE FOR MOTOR

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Abstract of JP58049053

PURPOSE: To improve the efficiency of a motor by stepwisely reducing the size between adjacent slots toward both axial centers, thereby reducing a leakage reactance and copper loss. **CONSTITUTION:** A stator core 5 having a plurality of tees 6 and slots 7 alternately arranged is constructed so that the size in width of a leg 6a and hence the size between the adjacent slots 7 is reduced stepwisely toward both axial centers by laminating two types of silicon steel plates which have large and small size in the width of the parts corresponding to the legs 6a of the tees 6. With this structure, the leakage reactance at the coil end can be reduced, a coil 8 can be reduced in size, a copper loss can be reduced, thereby improving the efficiency of the motor.



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